

# Product Datasheet

## GATA-2 Antibody (2D11) - Azide and BSA Free H00002624-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**H00002624-M01**

GATA-2 Antibody (2D11) - Azide and BSA Free

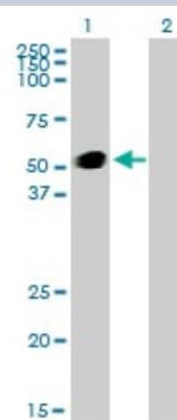
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2624
Gene Symbol	GATA2
Species	Human
Specificity/Sensitivity	GATA2 - GATA binding protein 2
Immunogen	GATA2 (AAH18988, 1 a.a. ~ 102 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPPDEVDFVFNH LDSQGNPYANPAHARARVSYSPA HARLTGGQMCRPHLLHSPGLPWLDGGK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

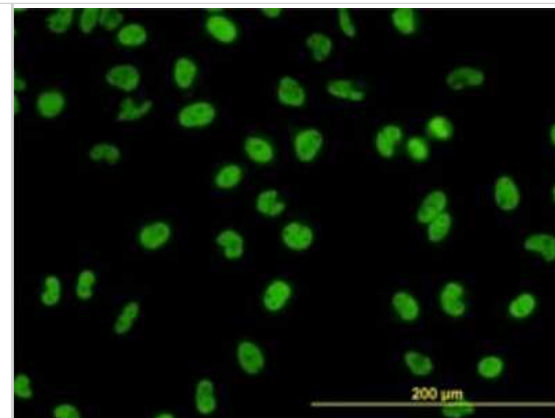
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

**Images**

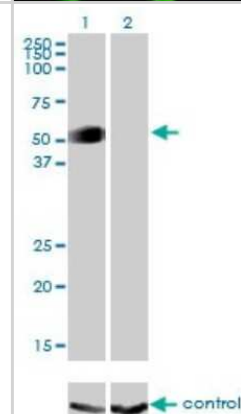
Western Blot: GATA-2 Antibody (2D11) [H00002624-M01] - Analysis of GATA2 expression in transfected 293T cell line by GATA2 monoclonal antibody (M01), clone 2D11. Lane 1: GATA2 transfected lysate(50.5 KDa). Lane 2: Non-transfected lysate.



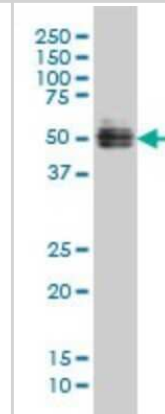
Immunocytochemistry/Immunofluorescence: GATA-2 Antibody (2D11) [H00002624-M01] - Analysis of monoclonal antibody to GATA2 on HeLa cell. Antibody concentration 10 ug/ml.



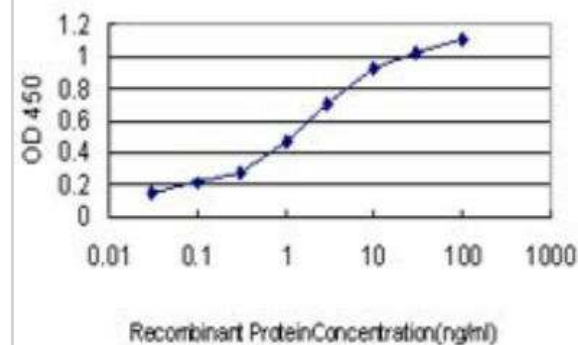
Western Blot: GATA-2 Antibody (2D11) [H00002624-M01] - Analysis of GATA2 over-expressed 293 cell line, cotransfected with GATA2 Validated Chimera RNAi ( Cat # H00002624-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with GATA2 monoclonal antibody (M01), clone 2D11 (Cat # H00002624-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: GATA-2 Antibody (2D11) [H00002624-M01] - GATA2 monoclonal antibody (M01), clone 2D11 Analysis of GATA2 expression in Hela S3 NE.



ELISA: GATA-2 Antibody (2D11) [H00002624-M01] - Detection limit for recombinant GST tagged GATA2 is approximately 0.03ng/ml as a capture antibody.



## Publications

Litzenburger UM, Buenrostro JD, Wu B et al. Single-cell epigenomic variability reveals functional cancer heterogeneity. *Genome Biol* 2017-01-24 [PMID: 28118844]



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### **Products Related to H00002624-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00002624-P01-10ug	Recombinant Human GATA-2 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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